Electrolyte Analyzer LX109ELA

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Description

Electrolyte analyzer LX109ELA is a multifunction, advanced and benchtop unit that provides accurate measurement, fast, convenient and easy operation. The unit is based on advanced Ion-Selective Electrode (ISE) technology that can directly measure the concentration of the following ions (like K+, Na+, Cl-, iCa2+, nCa2+, TCa2+, pH, TCO2 and AG.) in serum, plasma, whole blood, cerebrospinal fluid and dilute urine. Designed with sample volume 60-200ul, digital display, 30 sample positions and thermal printer. Storage capacity up to 50,000 test data.

Specifications

Test Items	K+, Na+, Cl-, iCa2+, nCa2+, TCa2+, pH, TCO2 and AG
Sample	Serum, Plasma, Whole blood, Cerebrospinal fluid and dilute urine
Measuring Speed	≤25s
Analysis Method	Ion selective electrode (ISE)
Sample Volume	60-200ul
Sample Position	30 sample Positions
Injection position	Manually injection
Storage	Up to 50,000 test results
Printer	Built-in thermal printer
Interface	RS232 port for LIS
Display	7-inch, LCD touch screen
Temperature	+10°C~+40°C
Relative Humidity	≤ 80 %
Atmospheric Pressure	(86~106) kPa
Power Supply	70VA AC100~240V, 50/60Hz
Dimension	405 x 214 x 471 mm
Net weight	14 kg
Package size (W x D x H)	500 x 390 x 530 mm

Gross weight	17 kg

Features

- Built-in thermal printer and RS232 port
- 7-inch LCD display for comprehensive content display
- Supports power-off protection to protect data storage
- Wave flushing and direct pipeline flushing can avoid blockage and cross-contamination
- Designed with waste liquid automatic detection, alarming, automatic calibration and two-point correction
- User can choose between automatic and manual calibration with automatic sample detection
- It has automatic electric potential tracking and correcting software

Applications

- Electrolyte analyzers are used in hospital and reference laboratories to measure levels of K+ / Na+ / Cl- / Ca2+ / pH / CO2, etc. in the human body.

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